



## WIRELESS N DUAL BAND ROUTER

Award-winning QoS Engine for superior VoIP and online gaming

Connect computers, game consoles, or media players to the Web

Greater wireless coverage for your home or office



### EXCEPTIONAL PERFORMANCE

The D-Link® Wireless N Dual Band Router (DIR-815) is a Wireless N compliant device that delivers faster speeds<sup>1</sup> and farther range<sup>1</sup> than previous-generation Wireless G devices. Connect the Wireless N Dual Band Router to a cable or DSL modem and provide high-speed Internet access to multiple computers, game consoles, and media players. Create a secure wireless network to share photos, files, music, printers, and more, from greater distances throughout your entire home or office. With D-Link's award-winning QoS engine that prioritizes time-sensitive online traffic, this router enables smooth Internet phone calls (VoIP) and responsive gaming.

### DUAL BAND ADVANTAGE

Dual Band is two Wi-Fi networks in one router. The dual band technology in the DIR-815 supports both 2.4GHz and 5GHz wireless signals simultaneously. You can check e-mail and browse the Internet using the 2.4GHz band while playing games and streaming HD movies on the clearer 5GHz band. This prevents both signals from getting overloaded and avoids interference and lag.

### ADVANCED NETWORK SECURITY

The Wireless N Dual Band Router supports the latest wireless security features to help prevent unauthorized access, be it from over a wireless network or from the Internet. Support for WPA™ and WPA2™ standards ensure that you will be able to use the best possible encryption method. In addition, this Wireless N Dual Band Router utilizes Stateful Packet Inspection firewalls (SPI) to help prevent potential attacks from across the Internet.

Powered by Wireless N technology, this high-performance router provides superior coverage designed to reduce dead spots for users who demand higher performance networking. Delivering unmatched wireless performance, network security, and coverage, the Wireless N Dual Band Router (DIR-815) is ideal for networking in larger homes and offices.



### WHAT THIS PRODUCT DOES

Create a wireless network to share high-speed Internet access with computers, game consoles, or media players from greater distances in your home or office.

### WIRELESS N ROUTER BENEFITS

- + Delivers faster speeds<sup>1</sup> and farther range<sup>1</sup> than previous-generation Wireless G<sup>1</sup>
- + Award-winning QoS Engine prioritizes Internet traffic to enable enhanced gaming and phone calling (VoIP) experience
- + Easy to install and use with the included Quick Router Setup Wizard

### TECHNICAL SPECIFICATIONS

#### STANDARDS

- + IEEE 802.11n
- + IEEE 802.11g
- + IEEE 802.11b
- + IEEE 802.11a
- + IEEE 802.3
- + IEEE 802.3u
- + IEEE 802.3ab

#### DEVICE INTERFACE

- + 4 10/100 LAN Ports
- + 1 10/100 WAN Port<sup>3</sup>

#### EXTERNAL ANTENNA TYPE

- + Two (2) Detachable Reverse Antennas

#### SECURITY

- + Wi-Fi Protected Access (WPA, WPA2)<sup>2</sup>

#### ADVANCED FIREWALL FEATURES

- + Network Address Translation (NAT)
- + Stateful Packet Inspection (SPI)
- + VPN Pass-through / Multi-sessions PPTP / L2TP / IPSec

#### DEVICE MANAGEMENT

- + Internet Explorer<sup>®</sup> v7 or Later; Mozilla Firefox<sup>®</sup> v3.0 or Later; or other Java-enabled Browsers

#### LEDs

- + Power
- + Status
- + WAN (10/100)
- + WLAN (Wireless Connection)
- + LAN (10/100)

#### CERTIFICATIONS

- + FCC Class B
- + IC
- + Wi-Fi<sup>®</sup>

#### DIMENSIONS

- + Item (WxDxH): 6.2" x 4.7" x 1.2" (157.5mm x 119.4mm x 30.5mm)
- + Packaging (WxDxH): 8.1" x 10.9" x 2.6" (205.7mm x 276.9mm x 66mm)

#### WEIGHT

- + Item: 0.47 lbs (213.2grams)
- + Packaging: 1.0 lbs (453.6grams)

#### OPERATING TEMPERATURE

- + 32°F to 104°F (0°C to 40°C)

#### WARRANTY

- + 1-Year Limited<sup>2</sup>

wireless family comparison			
features	wireless g	wireless n router	xtreme n <sup>®</sup>
wireless performance <sup>1</sup>	☐	☐	☐
easy network security setup	●	●	●
support for advanced wireless network security	●	●	●
dual active firewall protection	●	●	●
Windows <sup>®</sup> Connect Now support	●	●	●
greater wireless coverage for homes & offices	●	●	●
intelligent QoS engine	●	●	●
wireless prioritization technology	●	●	●
recommended applications			
sharing high-speed Internet access	●	●	●
easy file sharing within the home network	●	●	●
enable steady audio & video streaming	●	●	●
great for lag-free gaming	●	●	●
allow jitter-free Internet phone calls (VoIP)	●	●	●
capable of high-definition video streaming	●	●	●

<sup>1</sup> Maximum wireless signal rate derived from IEEE 802.11 specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate. Environmental factors will adversely affect wireless signal range. Wireless range and speed rates are D-Link RELATIVE performance measurements based on the wireless range and speed rates of a standard Wireless G product from D-Link. Maximum throughput based on D-Link's Wireless N devices.

<sup>2</sup> 1-Year Limited Warranty available only in the USA and Canada.

<sup>3</sup> Computer must adhere to Microsoft's recommended System Requirements.

<sup>4</sup> The software included with this product is not Mac-compatible.

<sup>5</sup> Latest software and documentation are available at <http://support.dlink.com>.

All references to speed and range are for comparison purposes only. Product specifications, size, and shape are subject to change without notice, and actual product appearance may differ from that depicted herein.

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Powered by an ENERGY STAR<sup>®</sup> qualified adapter for a better environment



#### RECOMMENDED SYSTEM REQUIREMENTS

- + For Optimal Wireless Performance, use with:
- + Dual Band Adapter (DWA-160)

#### MINIMUM SYSTEM REQUIREMENTS

- + Cable or DSL Modem
- + Computer with:
  - Windows<sup>®</sup> 7, Windows Vista<sup>®</sup>, Windows<sup>®</sup> XP SP3 or Mac OS<sup>®</sup> X (v10.4)<sup>4</sup>
  - Internet Explorer v7 or Mozilla Firefox v3.0
  - CD-ROM Drive
  - Network Interface Card
- + For Internet Access:
  - Cable or DSL Modem
  - Subscription with an Internet Service Provider (ISP)

#### PACKAGE CONTENTS

- + Wireless N Dual Band Router
- + 2 Detachable Antennas
- + CAT5 Ethernet Cable
- + Power Adapter
- + CD-ROM<sup>5</sup> with:
  - Installation Wizard
  - Product Documentation